



PATENT
450100-04652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Minoru KAWAHARA et al.

Serial No. : 10/620,085

Filed : July 15, 2003

For : DATA PROCESSING APPARATUS AND DATA PROCESSING
METHOD

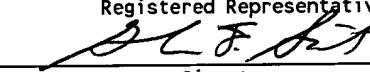
Art Unit : 2121

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Glenn F. Savit, Reg. No. 37,437

Name of Applicant, Assignee or
Registered Representative



Signature

October 30, 2003

Date of Signature

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants are filing this Information Disclosure Statement and the accompanying form PTO-1449 along with copies of the prior art therein identified. Such prior art has recently come to the attention of applicants. So far as applicants are

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aware, this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

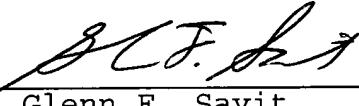
The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

Please charge any fees incurred by the filing of this document or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
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By:


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Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.
450100-04652

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LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Minoru KAWAHARA et al.

FILING DATE
July 15, 2003

GROUP
2121

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002-0057894	05/16/02	Ishige			
	AB	2003-0026592	02/06/03	Kawahara et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	JP 11 88821	03/30/99	Japan			Abstract
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ			
AR			
AS			

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.